

Parameters for Sample CoA Script Service

Table 1 on page 1 lists the parameters specified by the sample CoA script service, which is the */SDK/scriptServices/coa/ldif/BOD1M.ldif* file in the SDK+AppSupport+Demos+Samples.tar.gz file. You can use the sample script service as a starting point.

Table 1: Parameter Substitutions for CoA Services

Parameter Name	Description
dynClientIp	IP address of the third-party device.
dynClientPort	UDP port number of the third-party device.
dynServerIp	IP address of the C-series Controller.
dynServerPort	UDP port number of the C-series Controller.
dynSecret	Shared secret between RADIUS server and RADIUS client.
dynRetry	Number of retries for sending CoA messages when no RADIUS response is received. The retry interval is 3 seconds.
dynConfig	<p>Content of service definition in the format <action> . <radiusAttributeName> = <pluginEventAttribute> \n</p> <ul style="list-style-type: none">■ action—Action that is executed on packet content (attribute):<ul style="list-style-type: none">■ start■ stop■ start-stop■ radiusAttributeName—Valid RADIUS attribute specified as follows:<ul style="list-style-type: none">■ Standard RADIUS attribute name or number■ Third-party VSA in the format vendor-specific. <vendor#> . <vsa#> .string■ pluginEventAttribute—Valid expression in the format:<ul style="list-style-type: none">■ Python expression■ <commandCode> <serviceName> ; the entire expression must be enclosed in single quotation marks and you must use three backslashes (\\) to escape the backslash that starts a <commandCode> For example: \x0b would be replaced by \\x0b■ \n—New-line character included between the lines of a configuration containing multiple lines; the entire configuration must be enclosed in quotation marks. For example: start-stop.Acct-Session-Id = ifSessionId “ start-stop.Acct-Session-Id = ifSessionId\nstart.vendor-specific.9.252.string = “\\x0bBOD1M”\nstop.vendor-specific.9.252.string = “\\x0cBOD1M”\n”

You can also configure dynamic RADIUS requests with the `sendDynamicRadius` method of the `ServiceSessionInfo` interface (see [Defining RADIUS Attributes for CoA Requests with the API](#)).

- Related Topics**
- Overview of CoA Script Service
 - Configuring Monitoring Agent to Receive RADIUS Accounting Messages
 - Creating the CoA Script Service with the SRC CLI
 - Configuring CoA Script Services
 - Example: Using the Sample CoA Script Service